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JPRS 10290

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DESCRIPTORS: \*Signals, \*Detection, \*Statistical  
functions, Theory, Analysis, Probability, Series,  
Mathematical expectation.

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system of coordinate functions, and its application to  
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no. 11)  
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(Mechanics, TT v. 9, no. 11)

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ID 2229130

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OTL 22-11-11  
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JPRS 15762

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OTS 63-20382 (15pp)

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TT-63-11720

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya: Energetika i Avtomatika, 1962, no. 5, p. 115-119.

DESCRIPTORS: \*Automation, \*Control theory, \*Signals, Noise, Communication theory, Statistical functions, Errors

The accuracy of the interpolation  $y(t)$  of a continuous random process  $x(t)$  from the sequence of its discrete values is studied. The representation of the function (Research Methods--Communication Theory, TT, v. 11, no. 1)

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TT-63-11720

- I. Bykov, Yu. M.
- II. APL/JHU TG-230-T399
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JPRS/17577

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JPRS 6177

OTS 65-21251

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& Nov 60

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ON THE DETERMINATION OF THE UNSTEADY  
CREEP OF NONUNIFORMLY HEATED BARS OF  
ARBITRARY CROSS SECTION (K Raschetu na  
Neustanovivshuyusya Polzuchest' Neravnomerno  
Nagretykh Sterzhnei Proizvol'nogo Poperechnogo  
Secheniya) [1961] [20p. 13 refs.  
Order from OTS or SLA \$1.60

61-20420

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya Mekhanika i Mashinostroenie, 1959, no. 1, p. [89-96].

DESCRIPTORS: \*Rods, Creep, Determination, Temperature, Plasticity, Deformation, Stresses, Load distribution

The method of calculation set forth for the elongation and bending of nonuniformly heated bars of arbitrary (Mechanics, TT, v. 7, no. 8) (over)

61-20420

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\*U.K. Atomic Energy Authority  
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Sci - Phys  
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